



## **Section C**

FINAL DOCUMENTATION REQUIREMENTS BY PAY ITEM

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
201	Tree Removal Tree Removal Special	Unit	1. Field measurements. 2. Sta. to Sta. groupings listing individual measurements. 3. Tree tape or computations. If a tree tape is used it must be indicated.	68	None
201	Tree Removal	Acre HA	1. Form BC 981 or 2. Calculations based on the horizontal area within the limits specified on the plans or by the Engineer.	68	None
201	Temporary Fence	Foot Meter			
201	Fertilizer Nutrients	LB Kg	See requirements for these items listed under Section 252.		
201	Supplemental Watering	Unit	See requirements for this item listed under Section 252.		
202	Earth Excavation	CY Cu M	1. Form BC 981 or 2. Before & after cross-sections & calcs.	07 39 67	None
202	Rock Excavation	CY Cu M	1. Before & after cross-sections & calcs or 2. When the unit prices of Rock Excavation & Earth Excavation are identical, authorized approval can be obtained for a Plan Quantity Agreement for both, Form BC 981.	07 39 67	None

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202	Earth Excavation Widening	CY Cu M	1. Before & after in-place measurements & calcs.  Width & depth not to exceed plan dimensions.	07 39	None
203	Channel Excavation	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Before & after cross-sections & calcs.	07 39	None
203	Rock Excavation in Channel	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Before & after cross-sections & calcs.	07	None
204	Borrow Excavation	CY Cu M	1. Before & after cross-sections & calcs	07 39	Soil from outside ROW: Letter of approval from District Materials Engineer
204	Furnished Excavation	CY Cu M	1. Furn. Exc. = [Emb – Suitable Exc. (1 – SF)], where SF = shrinkage factor 2. See <a href="#">Section 200</a> of CM.	07 39	Soil from outside ROW: Letter of approval from District Materials Engineer
206	Granular Embankment Special	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . 2. 108% maximum pay.		Approved source & Shipment ticket, or List & Tick

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206	Granular Embankment Special	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Before & after in-place measurements & calcs.  Width & depth not to exceed plan dimensions.		Approved source & Shipment ticket or List & Tick
207	Porous Granular Embankment	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . 2. 108% maximum pay.	<a href="#">39</a>	Approved source & Shipment ticket or List & Tick
207	Porous Granular Embankment	CY Cu M	1. Before & after cross-sections & calcs.	<a href="#">07</a> <a href="#">39</a> <a href="#">67</a>	Approved source & Shipment ticket or List & Tick
208	Trench Backfill	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Trench measurements & calcs.  Dimensions used in calcs shall not exceed maximum allowable. See Art. 550.04 of the Std. Specs for maximum trench width, or 3. Trench measurements & calcs using the Standard Tables. (for concrete pipe, only)		Approved source & Shipment ticket or List & Tick

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209	Porous Granular Backfil	CY Cu M	1. Trench measurements & calcs. Dimensions used in calcs shall not exceed maximum allowable. See Art. 550.04 of the Std. Specs for maximum trench width. or 2. Trench measurements & calcs using the Standard Tables. (for concrete pipe, only)		Approved source & Shipment ticket or List & Tick
210	Geotechnical Fabric for Ground Stabilization	SY Sq M			
211	Topsoil Furnish & Place & Compost Furnishing and Place	SY Sq M	Form <a href="#">BC 981</a> or Surface measurements of all authorized areas, and calculations. Depth checks.		TEST
213	Exploration Trench	Foot Meter	1. In-place measurements of the open trench. 2. Depth checks.		None.
250	Seeding & Interseeding	Acre HA	1. Form <a href="#">BC 981</a> or 2. Slope measurements of the surface area seeded and calculations.		RE memo and certificate signed by Registered Seed Technologist showing test results or bag labels indicating certified.

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201 250 252	Nitrogen Fertilizer Nutrient & Phosphorus Fertilizer Nutrient & Potassium Fertilizer Nutrient	LB Kg	1. Wt. tickets or bag counts with computations.  KG = Gross Kg x % of nutrient  The scale & job site inspectors' initials must be on tickets.  2. 103 % maximum pay.		Bagged: Guaranteed Analysis on bags & RE memo  Bulk or Liquid: Certification from fertilizer plant and tickets showing weights and Guaranteed Analysis
250 252	Agricultural Ground Limestone	Ton M Ton	1. Weight tickets  2. Calculations showing that the pay quantity has been corrected using the 4- year source correction factor.  3. 108 % maximum pay.		Approved source & Shipment ticket  or  List & Tick
311	Subbase Granular Material	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> , if required.  2. 108% maximum pay.		Approved source & Shipment ticket  or  List & Tick
311	Sub Granular Material	CY Cu M	1. Form <a href="#">BC 981</a> or  2. In-place measurements & calcs  Width & depth not to exceed plan dimensions.		Approved source & Shipment ticket  or  List & Tick

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
311	Sub Granular Material	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Approved source & Shipment ticket or List & Tick
312	Stabilized Subbase	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		BAM & CAM II: Plant report & Tickets CAM & PSM: TEST
351	Aggregate Base Course	Ton M Ton	1. Weight tickets with <a href="#">moisture correction</a> , if required. 2. 108% maximum pay.		Approved source & Shipment ticket or List & Tick
351	Aggregate Base Course	CY Cu M	1. Form <a href="#">BC 981</a> or 2. In-place measurements & calcs Width & depth not to exceed plan dimensions.		Approved source & Shipment ticket or List & Tick
351	Aggregate Base Course	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Approved source & Shipment ticket or List & Tick

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
352	Processing Soil Cement Base Course	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Letter from district Materials Engineer setting mix proportions, and soil density reports of completed work or TEST
352	Cement	LB Kg	1. Wt. tickets or bag counts & calcs. 2. 105% maximum pay		(List or Test) & Bill of Lading
353 354 355 356	PCC Base Course & PCC Base Course Widening & Bit Base Course Widening & Base Course Widening	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Plant report and Tickets
358	Preparation of Base	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements of affected areas & calcs.		None
358	Aggregate Base Repair	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . 2. 108% maximum pay.		Approved source & Shipment ticket or List & Tick



SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
401	Bituminous Material Applied	Gal Liter	1. Weight tickets and calcs or 2. DOA-approved meter tickets corrected for temp. Not truck distributor meter. 3. 105% maximum pay.		(List or Test) & Bill of Lading
401	Bituminous Material Applied	Ton M Ton	1. Weight tickets 2. 105% maximum pay.		(List or Test) & Bill of Lading
402	Aggregate Surface Course	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . May be stockpiled ONLY when used for Temporary Access (Art. 402.10) 2. 108% maximum pay.		Approved source & Shipment ticket or List & Tick
402	Aggregate Surface Course	CY Cu M	1. Form <a href="#">BC 981</a> or 2. In-place measurements and calculations. Width and depth not to exceed plan dimensions.		Approved source & Shipment ticket or List & Tick
402	Aggregate Surface Course	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Approved source & Shipment ticket or List & Tick

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
403	Bit Materials Prime Coat & Bit Materials Cover & Seal	Gal Liter	1. Weight tickets and calcs or 2. DOA-approved meter tickets corrected for temp. Not truck distributor meter, unless meter has DOA decal. 3. 105% maximum pay.		(List or Test) & Bill of Lading
403	Bit Materials Prime Coat & Bit Materials Cover & Seal	Ton M Ton	1. Weight tickets 2. 105% maximum pay.		(List or Test) & Bill of Lading
403	Cover Coat Aggregate & Seal Coat Aggregate	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . 2. 110% maximum pay.		Approved source & Shipment ticket or List & Tick
404	Bit Materials Prime Coat & Bit Materials Road Mix & Bit Materials Seal Coat	Gal Liter	1. Weight tickets and calcs or 2. DOA-approved meter tickets corrected for temp. Not truck distributor meter. 3. 105% maximum pay.		(List or Test) & Bill of Lading
404	Bit Materials Prime Coat & Bit Materials Road Mix & Bit Materials Seal Coat	Ton M Ton	1. Weight tickets 2. 105% maximum pay.		(List or Test) & Bill of Lading
404	Aggregate & Seal Coat Aggregate	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> . 2. 108% maximum pay for Aggregate. 3. 110% maximum pay for Seal Coat Aggregate.		Approved source & Shipment ticket or List & Tick

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
405	Bit Materials Prime Coat	Gal Liter	1. Weight tickets and calcs or 2. DOA-approved meter tickets corrected for temp. Not truck distributor meter. 3. 105% maximum pay.	55 59	(List or Test) & Bill of Lading
405	Bit Materials Prime Coat	Ton M Ton	1. Weight tickets 2. 105% maximum pay.		(List or Test) & Bill of Lading
406 408	Bit Materials Prime Coat	Gal Liter	1. Weight tickets and calcs or 2. DOA-approved meter tickets corrected for temp. Not truck distributor meter. 3. 105% maximum pay.		(List or Test) & Bill of Lading
406 408	Bit Materials Prime Coat	Ton M Ton	1. Weight tickets 2. 105% maximum pay.		(List or Test) & Bill of Lading
406 408	Aggregate Prime Coat	Ton M Ton	1. Weight tickets		Approved source & Shipment ticket or Visual Inspection report  or  List & Tick

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
406	Mix for Cracks Joints & Flangeways & Leveling Binder Machine Method & Leveling Binder Hand Method & Bit. Concrete Binder Course & Bit. Conc. Surface Course Class I or Superpave	Ton M Ton	For all plants: 1. Weight tickets initialed at jobsite 2. Daily tabulated weight totals on calculator tape 3. Platform scale tickets used in weight checks 4. Dept. of Agriculture decal information, for platform, surge bin and surge bin hopper scales used 5. 103% maximum pay.	11 53 55 59	Plant report and Tickets
408	Incidental Bit. Surface	Ton M Ton	For all plants: 1. Weight tickets initialed at jobsite 2. Daily tabulated weight totals on calculator tape 3. Platform scale tickets used in weight checks 4. Dept. of Agriculture decal information, for platform, surge bin and surge bin hopper scales used	11 53 55 59	Plant report and Tickets
420	PCC Pavement & HE PCC Pavement & PCC Pavement Jointed	SY Sq M	1. Form BC 981 or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.	39 42 53	Plant report and Tickets

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
420	Bridge Approach Pavement & Bridge Approach Shoulder Pavement	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.	<a href="#">39</a>	Plant report and Tickets
420	Bridge Approach Connector	SY Sq M			
420	Pavement Fabric	SY Sq M	1. Same as pavement quantity		List of Certified Reinforcement Fabric Plants and Manufacturer's Tag  or List & (Cert. or Mark)
420	Protective Coat	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place measurements and calculations of the area where Protective Coat is applied.		IL OK Stamp or <a href="#">LA-15</a>  or TEST
421	Continuously Reinforced PCC Pavement	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Plant report and Tickets
421	Pavement Reinforcement	SY Sq M	1. Same as pavement quantity.		Rebar: List & Mark Epoxy Coated Rebar: (List & Cert & TEST) or LA 15

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
421	Wide Flange Beam Terminal Joint Complete	Each	1. Date and Station in Quantity Book.		Concrete: Plant report and Tickets  Rebar: List & Mark  Epoxy Coated Rebar: (List & Cert & TEST) or LA 15  Steel beam: Mill analysis (must be domestic steel)
421	Protective Coat	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements and calculations of the area where Protective Coat is applied.		IL OK Stamp or <a href="#">LA-15</a> or TEST
481	Aggregate Shoulders Ty. A & Aggregate Shoulders Ty. B	Ton M Ton	1. Wt. tickets with <a href="#">moisture correction</a> , if required. 2. 108% maximum pay.		Approved source & Shipment ticket or List & Tick
481	Aggregate Shoulders Ty. A	CY Cu M	1. Form <a href="#">BC 981</a> or 2. In-place measurements & calcs Width & depth not to exceed plan dimensions.		Approved source & Shipment ticket or List & Tick
481	Aggregate Shoulders Ty. A	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.		Approved source & Shipment ticket or List & Tick

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482	Bituminous Shoulders	SY Sq M	1. Form <a href="#">BC 981</a> or 2. In-place surface measurements and calculations. Width not to exceed plan dimensions. 3. Depth checks.	<a href="#">11</a> <a href="#">55</a>	Plant report and Tickets
501	Conc. Removal	CY Cu M	1. Field measurements and calculations.	<a href="#">72</a>	None
502	Structure Excavation & Cofferdam Excavation & Rock Excavation for Structure	CY Cu M	1. Measurements of material in original position and calculations. See Spec. for maximum allowable limits of excavation for payment, or 2. Form <a href="#">BC 981</a> , except for Rock Excavation for Structure, which must be measured.		None
503	Class MS Concrete & Concrete Handrail	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Calculations in permanent file verifying plan, or revised, quantity and 3. A statement indicating the structure was built in accordance with plan dimensions or a sketch showing measured dimensions.		Plant report and Tickets

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
503	Conc Struct & Concrete Super-Struct	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Calculations in permanent file verifying plan, or revised, quantity and 3. A statement indicating the structure was built in accordance with plan dimensions or a sketch showing measured dimensions.	<a href="#">44</a> <a href="#">64</a>	Plant report and Tickets
503	Rubbed Finish	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements and calculations for the areas specified on the plans.		None
504	Precast Concrete Bridge Slab & Precast Prestressed Concrete Deck Beams	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements and calculations of surface area.		Precast Bridge Beams: List & Mark Prestressed Bridge Beams: IL OK Stamp
505	Furnish & Erect Structural Steel	LB Kg	1. Approved shipping weight tag or platform scale ticket or 2. Measurements, and calculations based on standard AISC section weights, deducting for holes, cutouts, etc. 3. If authorized changes are made, the calculations for the changes necessary.	<a href="#">15</a>	Steel: Fabrication Inspector's Release. ( <a href="#">BBS 59</a> ) or CERT High-strength steel bolts: LA 15 or TEST
508	Reinforcement Bars	LB Kg	1. Form <a href="#">BC 981</a> or 2. Calculations in permanent file verifying plan, or revised, quantity. Use the table given Article 508.07.	<a href="#">15</a>	Rebar: List & Mark Epoxy Coated Rebar: (List & Cert & TEST) or LA 15



SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
509	Furnish & Erect Steel Railing	Foot Meter	1. Measurements of overall length of top rail.  Measure through all posts and gaps.		Railing: (Cert or LA15) & TEST  Fasteners: LA 15 or IL OK Stamp or TEST
511	Slope Wall	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements of the surface. The construction of anchor and cut-off walls is incidental to this item. 3. Depth checks.		Concrete: Plant report and Tickets  Mesh: List & (Cert or Mark)
512	Furnishing Piles	Foot Meter	1. Itemized list sent to the Contractor by the Engineer authorizing the length of piling to be ordered. 2. Piling field notes showing field measurements of the piles. 3. Piling Diagram Report <a href="#">BC 2184</a>		Precast Concrete: List  Prestressed Concrete: IL OK Stamp  Steel H or Metal Shell: Cert or LA 15 or IL OK Stamp  Timber: Cert or Mark
512	Drive Piles	Foot Meter	1. Piling field notes showing field measurements of the piles left in place below the cut-off elevation. 2. Piling Diagram Report <a href="#">BC 2184</a>	<a href="#">44</a>	None

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
542	Concrete Headwall	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Statement, "Built according to Standard _____," or 3. If a standard headwall is not used, computations verifying the plan quantity are required.  Rebar should be paid separately in kg. (lbs.) as per Art. 542.10.		Cast in Place: Plant report and Tickets  Precast: LIST
550	Storm Sewer	Foot Meter	1. In-place measurements.  See Article 550.08 regarding the method of measuring at drainage structures.		Concrete: LIST & MARK  Plastic: IL OK Stamp or LA 15 or TEST  Clay: IL OK Stamp or LA 15 or TEST
580	Membrane Waterproofing	SY Sq M	1. Form <a href="#">BC 981</a> or 2. Measurements and calculations of the surface areas covered.		LA 15 or TEST
604	Grating	SY Sq M	1. Statement, "Built according to Standard _____."		Castings: Cert or LA 15 Welded Steel: Cert of LA 15
606	Concrete Curb	Foot Meter	1. In-place field measurements along the face.  See Article 606.13 regarding the method of measuring at drainage structures. 2. Depth checks.		Plant report and Tickets

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
606	Concrete Gutter & Comb. Concrete Curb & Gutter	Foot Meter	1. In-place field measurements in the flow line.  See Article 606.13 regarding the method of measuring at drainage structures.  2. Depth checks.		Plant report and Tickets
606	Paved Ditch	Foot Meter	1. In-place field measurements in the flow line. The construction of anchor & cut-off walls is incidental to this item.  2. Depth checks.		Plant report and Tickets
611	Class SI Concrete Misc.	CY Cu M	1. Form <a href="#">BC 981</a> or 2. Calculations in permanent file verifying plan, or revised, quantity and 3. A statement indicating the structure was built in accordance with plan dimensions or a sketch showing measured dimensions.		Plant report and Tickets
630	Steel Plate Beam Guard Rail	Foot Meter	1. Measurements of the overall length of the rail element to the limits shown on the plans. End sections are incidental and wIL NOT be paid for separately.		Steel Plate Rail element: LIST Steel Post: Cert or LA 15 Barrier end section: LIST & Cert or LA 15 Fasteners: (Mark & Cert) or TEST Wood Post: Mark or Cert or LA 15

SECTION	CODE NO. & ITEM	PAY UNIT	REQUIRED DOCUMENTATION	CONST. MEMO.	EVIDENCE OF MATERIAL INSPECTION
663	Calcium Chloride Applied	Ton M Ton	1. Weight tickets		Dust Palliative: TEST Accelerator: Cert
664	Chain Link Fence	Foot Meter	1. In-place measurements along of fence from center to center of end posts, excluding the length occupied by gates.		Mark or TEST or LA 15
665	Woven Wire Fence	Foot Meter	1. In-place measurements along of fence from center to center of end posts, excluding the length occupied by gates.		Mark or TEST or LA 15
780	Thermoplastic Pavt. Marking Letters & Symbols	SY Sq M	1. Calculations based on the size of letter or symbol specified in the contract. See table in the Std. Specs for Traffic Control. 2. Depth checks.		Thermoplastic Letters: Cert Thermoplastic Tape: LA 15 or TEST Thermoplastic Component Material: LA 15 or TEST
780	Thermoplastic Pavt. Marking Line & Paint Pavement Marking Line & Epoxy Pavement Marking & Preformed Plastic Pavement Marking Line	Foot Meter	1. Measurement of each size line applied & accepted. 2. Depth checks (thermoplastic).		Thermoplastic Letters: Cert Thermoplastic Tape: LA 15 or TEST Thermoplastic Component Material: LA 15 or TEST